
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
2/5/09 – 2/11/09**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



17th St to 19th St, Gradework/Compaction of graded aggregate base course



Benning Rd Reconstruction
Project Field Office
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EXECUTIVE SUMMARY

Project Description

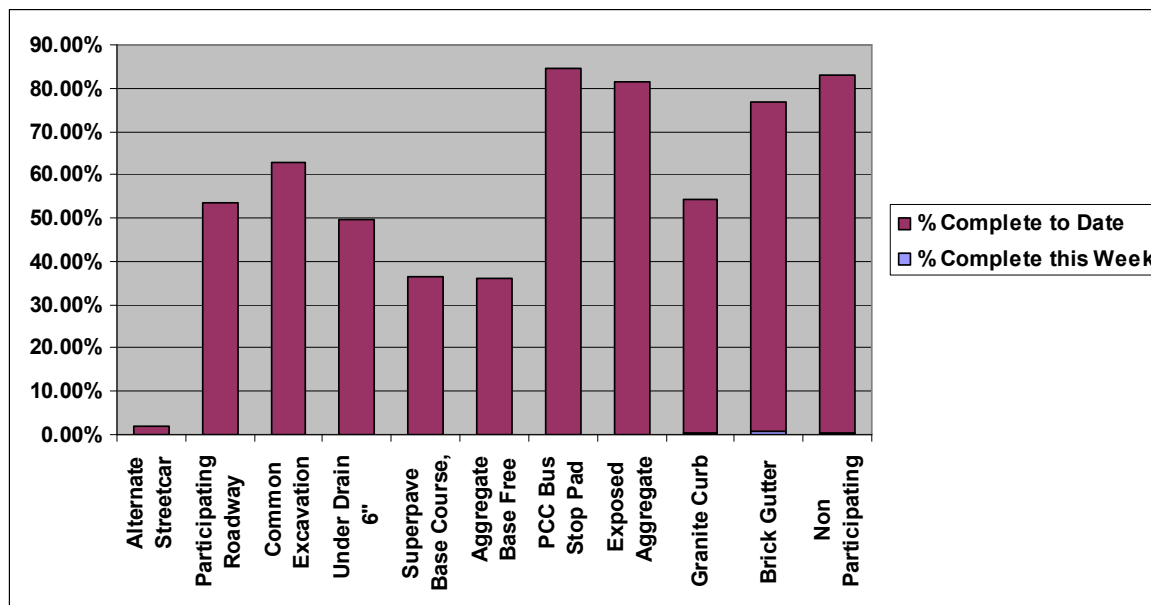
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



Issues and Resolutions:

- Resolution was identified for the water leak issue at the 1500 block on 2-6-09. The replacement of the water service lead to the apartment complex at the south east corner of 15th Street was authorized by WASA. Work for the replacement of the lead began on 2-7-09 and was expected to be completed on 2-12-09 during a water shutdown in the area.
- PEPCO work is complete for the Feederline Replacement. The tunneling work under existing utilities at 19th Street was completed and the backfill work was completed on 2-11-09.



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- Work on the Starburst Area PEPCO distribution line construction, between 14th Street and 16th started 12-8-08. Presently, PEPCO is not maintaining the schedule due to design issues that have arisen due to the field conditions. The projected completion date for this work is 5/1/09. Every day past the 5/1/09 projected completion date will result in a day claimed for further delay by CPDC.
- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19th Street. Capitol began the removal and replacement of the north bound curb lane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.

WORK PERFORMED

For the week ending February 11, 2009, the following specific construction progress has been made in the areas listed:

1. Thursday 2/5:

Benning Road:

Excavation and preparation for the 8 inch Watermain "H" tie-in at 15th Street. Excavation and preparation for the 8 inch Watermain "F" tie-in at H Street.

Bladensburg Road/ Morse Street:

Excavation for the installation of the manhole and valve casing for Watermain "D".

PEPCO work:

Performance of general cleanup of work location and placement of 6 - 8 yard truck loads of 2500 PSI flowable fill to complete filling of excavated tunnel under 19th Street intersection. Continuation of hand dig work around utilities and shoring of the excavation at the south east corner of 15th Street. Continuation of the pumping of the trenchline at the 1500 Block. Continuation of the excavation, hand dig work and formwork for the concrete pour for manhole #41 at Florida Ave.



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2. Friday 2/6:

Benning Road:

Complete excavation of the existing roadway, placement of the geofabric and placement of the graded aggregate base on the north side of the 1900 Block. Installation of the granite curb on the south side between 17th Street and 18th Street. Excavation for the installation of the 6" underdrain pipe at the south west corner of 17th Street. Placement of the concrete for the installation of the gutter base at the 17th Street intersection. Tie-in and Backfill for the 8" Watermain "D" at 15th Street. Excavation and the placement of concrete for the manhole bottom at the east side of Bladensburg Road and Morse Street.

PEPCO work:

Removal of all shoring whalers in the tunnel pit and backfill work at 19th Street. Continuation of the hand dig work of the trenchline at the south east corner of 15th Street. Continuation of the pumping out of the trench at the 1500 Block. Continuation of the shoring work and the hand dig work at Florida Ave.

3. Saturday 2/7:

Benning Road:

Continuation of the excavation work to the subgrade, placement of the geofabric and the placement of the graded aggregate base course at the south side of 1900 Block. Implementation of the maintenance of traffic for sub phase 1-C at 18th Street. Continuation of the installation of 6" underdrain at the south side of the 1600 Block. Commencement of the repair work to the damaged 6" water line at the 1500 Block.

Bladensburg Road:

Continuation of the construction of the butterfly valve manhole at the north west corner.

4. Sunday 2/8:

No work completed.

5. Monday 2/9:

Benning Road:

Gradework and compaction work of the graded aggregate base course between 17th Street and 18th Street and between 18th Street and 19th Street. Installation of the granite curb at the south west corner of 17th Street. Removal of the existing tree at the south east corner of 17th Street. Formwork for the streetlight pole foundations #L10, #L11 and #L13 between 16th Street & 17th Street. Removal of the existing tree at the south side of 1500 Block.



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Bladensburg Road/ Morse Street:

Brickwork for the butterfly valve manhole.

PEPCO work:

Removal of the shoring and the backfill of the pit locations and cleanup work at the 19th Street at the north east corner and the north west corner of 19th Street. Continuation of the hand dig work, shoring and the removal of soil from the excavated area. Pump out and muck out the trench at the 1500 Block. Continuation of the hand dig work, shoring and the formwork for the installation of the manhole #41 at Florida Ave.

6. Tuesday 2/10:

Benning Road:

Continuation of the roller work for the compaction of the graded aggregate base from 17th Street to 19th Street. Installation of the granite curb at the south west corner of 17th Street. Excavation for and the installation of the 6" underdrain pipe at 16th Street. Preparation of the 8" watermain "F" future tie-in.

Starburst Plaza between Bladensburg Road and Maryland Ave:

Removal of PCC barriers and the commencement of the installation of the chain link fence at the plaza.

Bladensburg Road/ Morse Street:

Brickwork for the butterfly valve manhole.

PEPCO work:

Cleanup work north east corner of 19th Street. Continued backfill work from the tunnel at the north west corner of 19th Street. Continuation of the excavation, hand dig work and shoring work at the south east corner of 15th Street. Continuation of the pumping work and the concrete encasement of 20 LF of 10way electrical conduit for the PEPCO duct bank at the 1500 Block. Hand dig work, and the preparation of the pour of the concrete floor for the man hole at Florida Ave.

7. Wednesday 2/11:

Benning Road:

Placement of the graded aggregate base, compaction work and the placement of concrete for the driveways between 17th Street and 18th Street and between 18th Street and 19th Street, south side. Installation of the PCC barriers and attenuators between 19th Street and 20th Street. Installation of the brick gutter on the south west corner of 17th Street. Placement of concrete for the street light pole foundation for #L17. Placement of concrete for the PCC foundation for pendant post street light poles; #L10, L11, L13 and L15.

PEPCO work:

Installation of and the concrete encasement of the 8 way fiberglass duct bank for the feederline. Continuation of the muck out work and pumping at the 1500 Block. Installation of rebar and the placement of concrete for the manhole floor for man hole #41 at Florida Ave. Placement of the 25mm free drainage base course asphalt at the north side of the 1900 Block.

Utilities Reconstruction Update 2-11-09

PEPCO:

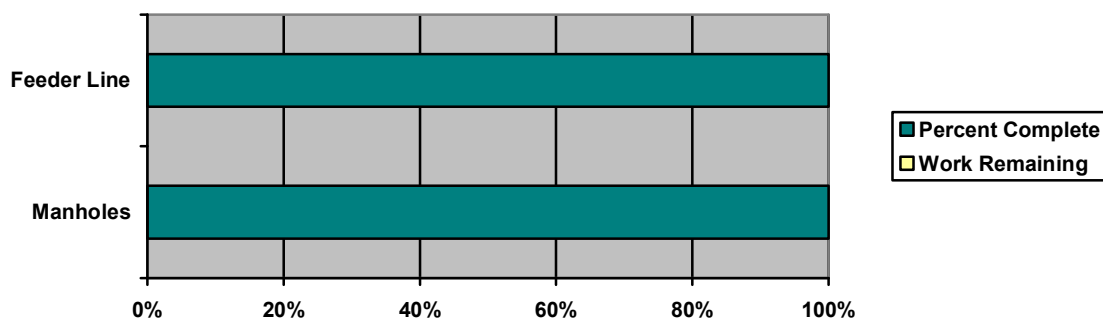
Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

PEPCO Feeder Line Replacement:

4085' total feeder	4085 feet complete	100% complete
6 Manholes total	6 completed	100% complete

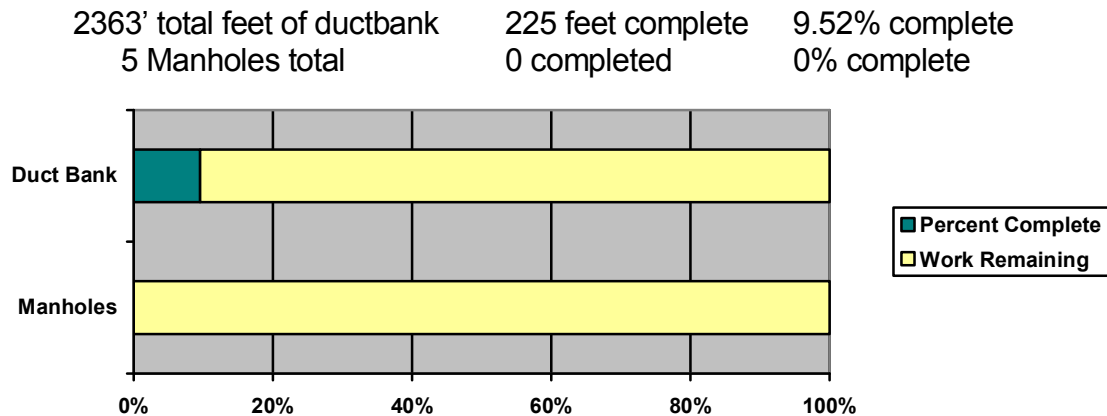
Work has started on 9-11-08. Installation of the feeder line was completed on 2-11-09.



- 32 feet of feeder line was installed in the tunneling area at 19th Street, within this weekly report period.
- Backfill work in the 19th Street area was completed on 2-11-09.

Starburst Distribution Line Duct Bank Construction:

Start: 11/24/08 Completion: 05/01/09



- 30 feet of duct bank construction completed within this report period.
- This activity is on a critical path and is a major concern on its completion, in order for other work by Capitol Paving to continue and be completed on time. Each potential day past the 5-1-09 tentative completion date will continue to affect the CPDC project timing.

Washington Gas:

Project Totals:

Completed Connections:	77	Total Connections	77	%Complete:	100%
Gas Main install complete:	4615'	Total Length	4615'	%Complete:	100%

- Reconnection work of the offset that was put in to accommodate the PEPCO tunnel at 19th Street was completed on 2-10-09.

Clear Channel:

No new work performed in this report period. The relocation of the two bus stop shelters at the Starburst Plaza will occur upon the completion of the excavation and curb installations by CPDC in the starburst area. Schedule for the reinstallation is to be determined.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 2-06-09 TO 2-20-09**

Starburst Plaza

- 2.11.09 Set up MOT (close MD Ave) (3 days)
- 2.11.09 Start Removing Trees (3 days)
- 2.10.09 Cut Tree at 1500 Block S/S (3 days)

16th St & 2000 blk Benning S/S

- 2.6.09 Grading (5 days)
- 2.12.09 Asphalt (8 days)

1700 - 1900 blk Benning Rd. N/S

- 2.4.09 Remove Tree 1700 blk (2 days)
- 2.7.09 1900 blk – Set up MOT sub phase 1C (1 day)

21st St to Project Limit (Metro overpass) N/S

- 2.6.09 Grading (12 days)
- 2.20.09 Asphalt (1 days)

Watermain work (WASA)

- 2.9.09 Remove valve and Tie in to WM at NEC 18th Street (6 days)
- 2.6.09 Valve/ MH @ Morse and Benning Road (6 days)

PEPCO Restoration

- 2.6.09 Excavation and Grade 19th to 21st St N/S
- 2.6.09 Grading 17th to 18th St N/S (5 days)
- 2.12.09 Asphalt 17th to 18th St N/S (4 days)

Benning Rd

- 2.6.09 Erosion Control (2 days; Feb 11th & Feb 18th)
- 2.6.09 MOT (2 days; Feb 11th & Feb 18th)
- 2.6.09 Jobsite maintenance (2 days; Feb 11th & Feb 18th)



South East Corner of 17th St, Removal of tree



South west corner of 17th St; Installation of granite curb



1900 Block S/S Place geo-fabric/Placement of graded aggregate base course



17th St & 18th St S/S, Installation of granite curb



Placement of graded aggregate base for the driveway at 17th Street



Placement of concrete for PCC the driveway at 18th Street